CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY
0002/0004	B	TDP ____ TM ____ OTHER MGMT

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
HEAVY ENG. REPAIR & CONSTRUCTION	FA8903-05-R-8218	TBD

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B001	CONTRACT WORK BREAKDOWN STRUCTURE	SEE BLOCK 16

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MGMT-81334B	SOW PARA 4.1	AFCEE/*

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	BLK16	BLOCK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A		N/A	BLOCK 16

16. REMARKS

Blocks 3 and 6: "*" will be specified in each task order.

Blocks 10, 12, & 13: Submissions and dates will be as specified in each task order.

Blocks 14 & 15: Additional addresses and/or quantities of required copies will be specified

Small documents:

Deliverable copies and all transmittal letters shall be submitted by e-mail unless otherwise specified in the Task Order.

Large documents:

Reproducible copy shall be submitted on CD-ROM, in IBM-compatible format. Government uses Microsoft Office products and .pdf format unless otherwise specified in the Task Order.

Block I: Signature authority is evidenced by Contracting Officer signature on the basic contract award document. Individual task orders shall have signatures.

Block J: On the basic contract, this shall be the award date; however, approval dates shall be inserted for individual task orders.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES		
	Draft	Final	
		Reg	Repro
AFCEE/*			
AFCEE/MSCD			
HSW/PKV*			
SEE BLOCK 16			
15. TOTAL →			

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
MARTY PETERSON	10/05/2005	SEE BLOCK 16	10/05/2005

17. PRICE GROUP	18. ESTIMATED TOTAL PRICE
N/A	NSP

(COMPUTER GENERATED)

DATA ITEM DESCRIPTION

Title: Contract Work Breakdown Structure (CWBS)
Number: DI-MGMT-81334B
Approval Date: 20050201
AMSC Number: D7548
Limitation:
DTIC Applicable:
GIDEP Applicable:
Preparing Activity: (D) OSD/PA&E/CAIG
Applicable Forms: Not Applicable; 35 hours
Use/relationship: This documents the Contract Work Breakdown Structure (CWBS) and its extension by the contractor using terminology and definitions, as applicable, in MIL-HDBK-881. The complete Program Work Breakdown Structure (PWBS) will serve as a basis for program and technical planning, scheduling, cost estimating, resource allocations, performance management where appropriate, configuration management, and status reporting.

This DID summarizes the format for the WBS and provides preparation instructions to support the specific data and frequency requirements specified in the contract. This DID is applicable to all contracts that require a WBS and is related to the two Contractor Cost Data Reporting (CCDR) formats: DD Form 1921, "Cost Data Summary Report" (DID number DI-FNCL-81565A), and DD Form 1921-1, "Functional Cost-Hour and Progress Curve Report" (DID number DI-FNCL-81566A). This DID can also be related to the formats contained in DD Forms 2734/1, 2734/2, 2734/3, 2734/4, and 2734/5, "Cost Performance Report" (DID number DI-MGMT-81466); DD Forms 2735, "Cost/Schedule Status Report, (DID number DI-MGMT-81467); and DD Form 1586, "Contract Funds Status Report" (DID number DI-MGMT-81468).

Routine reporting shall be at CWBS level 3 for prime contractors and key subcontractors. MIL-HDBK-881 serves as the basis for identifying the first three levels of the PWBS and for developing the CWBS. Extensions of the PWBS and CWBS can be tailored to the specific program but will be consistent with MIL-HDBK-881. Detailed reporting of the CWBS (i.e., below level 3) shall be required only for those lower-level elements that address high-risk, high-value, or high-technical-interest areas of a program. Identifying these additional elements is a critical early assignment for the Cost Working Level Integrated Product Team (CWIPT) for inclusion in the PWBS. The final CWBS must agree with the contract Cost and Software Data Reporting (CSDR) Plan approved by the OSD Cost Analysis Improvement Group (CAIG) Chair,

The reporting contractor shall prepare and submit the contract dictionary within 60 days of contract award. The reporting contractor shall maintain and update the WBS Dictionary throughout the life of the contract. The dictionary shall not be submitted more frequently than report submissions.

Requirements:

1. *Reference documents.* Detailed instructions for preparing the CWBS can be found in MIL-HDBK-881. WBS guidance is also contained in Chapter 2 of the CCDR Manual, DoD 5000.4-M-1.

2. *Formats.* The CWBS shall be reflected in an electronic report that consists of two parts as shown in the sample attachments. Part I is for the CWBS Index and Part II is for the CWBS Dictionary. The index lists the individual elements. The dictionary describes the effort and tasks associated with every CWBS element shown in Part I.

Preparation Instructions:

1. *Contract Work Breakdown Structure Index:*
   a. CWBS Code. Enter the code, if applicable.
   b. CWBS Element Level. Enter the level of the CWBS element. Level 1 is the total contract. Levels 2, 3, etc., are successively lower levels of the program.
   c. CWBS Element Name. Enter the title of the CWBS element using the specific name or nomenclature.
   d. Contract Line Item(s). Enter the numbers of the contract line items associated with the CWBS element, if applicable.
2. *Contract Work Breakdown Structure Dictionary:*
   a. CWBS Code.
   b. CWBS Element. Enter the title of each CWBS element in the same order as given in Part I.
   c. CWBS Definition. Enter a complete description of the technical and cost content of each CWBS element. The statement should be as descriptive as possible about the efforts, tasks, tests, components, etc., that are to be included in the CWBS element by the contractor. The CWBS Dictionary must be updated and maintained throughout the life of the contract. However, the updated dictionary shall be submitted no more frequently than the CCDR report submissions.

CONTRACT WORK BREAKDOWN STRUCTURE INDEX							PROGRAM: Missile X LRIP Surface-to-Air Interceptor	REP NO: XXXXXX CONTRACT NO: XXXXXX-98-C-XXX	CONTRACT PLAN NO: XXXXXXX	DATE: 06/30/02
	CWBS ELEMENT									
CWBS CODE	LEVEL 1	2	3	4	5	NAME			CONTRACT LINE ITEM(S)	
1.0	✓					Missile System				
1.1		✓				Air Vehicle				
1.1.1			✓			Propulsion				
1.1.2			✓			Airframe				
1.1.3			✓			Warhead				
1.1.4			✓			Post Boost System				
1.1.5			✓			Guidance And Control Equipment				
1.1.5.1				✓		Guidance Section				
1.1.5.1.1					✓	Seeker				
1.1.5.1.2					✓	Guidance Electronics				
1.1.5.2				✓		Control Devices				
1.1.5.3				✓		Structure				
1.1.5.4				✓		Power and Networks				
1.1.6			✓			Ordnance Initiation Set				
1.1.7			✓			Airborne Test Equipment				
1.1.8			✓			Airborne Training Equipment				
1.1.9			✓			Auxiliary Equipment				
1.1.10			✓			IAT&C				
1.2		✓				Integration, Assembly, Test, and Checkout				
1.3		✓				Systems Engineering/Program Management				
1.4		✓				Systems Test and Evaluation				

CONTRACT WORK BREAKDOWN STRUCTURE DICTIONARY	PROGRAM: Missile X LRIP Surface-to-Air Interceptor	RFP NO: _____ CONTRACT NO: XXXXX-98-C-XXXX	DATE: 11/1/00

CWBS CODE	CWBS ELEMENT	CWBS DEFINITION
1.0	Missile System	The missile is a cylindrical body with four fixed fins attached to the aft end of the Solid Rocket Motor case. The control surfaces are located behind the fixed fins. The missile angular orientation is zero degrees at top center, with increasing angles positive in a clockwise direction (standing at the aft end looking forward). The outside surface of the missile body is coated for thermal protection of the structure from aerodynamic heating and rain erosion. Electrical interface between the launcher and the missile is provided by an umbilical cable connecting the missile Aft-Section to the Aft-Section of the Canister.
1.1	Air Vehicle	This element refers to the means for delivering the destructive effect to the target, including the capability to generate or receive intelligence to navigate and penetrate to the target area and to detonate the warhead. This element includes the design, development, and production of complete units (prototype and operationally configured units, which satisfy the requirement of their applicable specifications(s)) regardless of their use.
1.1.1	Propulsion	The propulsion system consists of the booster and the interstage. A single-stage, solid propellant rocket motor provides all of the boost impulse for the missile. The deployable flares and aft rate gyro package (RGP) are positioned at the aft end of the booster in the BUG configuration.
1.1.2	Airframe	This element refers to the structural framework that provides the aerodynamic shape, mounting surfaces and environmental protection for the missile components. It includes the wings, fins, and structural body assemblies.
1.1.3	Warhead	Warhead includes the assembly containing the kill mechanism of the round and its associated high explosives, chemicals, biological agents, nuclear devices, and pyrotechnics.
1.1.4	Post Boost System	This element provides the roll rate control and the final velocity to adjust and deploy the payload as well as the external protection material, velocity control system, and deployment group.
1.1.5	Guidance and Control Equipment	This element refers to the missile's ability to acquire and track targets, receive guidance data from various sensors and execute the necessary flight path to intercept the target.
1.1.5.1	Guidance Section	This element refers to the missile's ability to receive guidance data from various sensors.
1.1.5.1.1	Seeker	The seeker assembly is attached to the kill vehicle via the forward ring of the forecone. The assembly consists of four elements; a seeker basecone, an IR sensor, a gimbal set, and a Seeker Electronics Assembly (SEA). The seeker basecone is a conical assembly cast from magnesium. It is used as the main structure to mount the IR sensor and gimbals to the KV, and to dampen structural resonances.
1.1.5.1.2	Guidance Electronics	This element includes all the electronic components and their structural items needed to perform all the seeker tracking functions.
1.1.5.2	Control Devices	This element includes all the electronic components and support structure needed to perform the electronic processing done outside, but near the detector assembly. This may include detector biasing electronics, preamplification, gain control processing, A/D conversion and multiplexing of the detector outputs when many detector outputs are present.
1.1.5.3	Structure	This element refers to the metal or composite materials that provide external housing, bulkheads, attach points and connectors for guidance and control equipment.
1.1.5.4	Power and Networks	This element refers to the subsystem that starts the missile and maintains electrical power prior to launch, upon release from the launch platform, and during flight. Additionally, it consists of power supply devices and power converters.
1.1.6	Ordnance Initiation Set	The ordnance initiation set initiates all ordnance events throughout the missile and ground system (except reentry system components). Upon receipt of an electrical signal from the missile guidance and control system, the ordnance initiation set firing units convert the signal into ordnance outputs to the detonating cords. Among these ordnance events are stage separation, motor ignition, gas generator ignition, shroud separation, etc. Includes through bulkhead initiators, ordnance test harnesses, and firing units/exploding bridge wires.
1.1.7	Airborne Test Equipment	The airborne test equipment element refers to an exercise warhead that is interchangeable with the live warhead and suitable for developmental firing. This element includes destruct systems, recovery systems, special instrumentation, and telemetry equipment.
1.1.8	Airborne Training Equipment	The airborne training equipment element refers to an exercise warhead that is interchangeable with the live warhead and suitable for training firing. This element includes destruct systems, recovery systems, special instrumentation, and telemetry equipment associated with the training mission.
1.1.9	Auxiliary Equipment	The auxiliary equipment element refers to that additional equipment generally excluded from other specific elements. This element includes the environmental control, safety and protective subsystems, and destruct system. It also includes equipment of a single purpose and function that is necessary for accomplishing the assigned mission.
1.1.10	Integration, Assembly, Test and Checkout	The IAT&CO of the hardware will be conducted at the contractor's assembly facility. Subsystem components will be assembled and tested, then shipped to company YYYY for final assembly and testing.

CONTRACT WORK BREAKDOWN STRUCTURE DICTIONARY	PROGRAM: Missile X LRIP Surface-to-Air Interceptor	RFP NO: _____ CONTRACT NO: XXXXXX-98-C-XXXX	DATE: 11/1/00

CWBS CODE	CWBS ELEMENT	CWBS DEFINITION
1.2	Integration, Assembly, Test, and Checkout	The IAT&CO of the missile will be conducted at a Company YYYY assembly facility. For flight vehicles, the guidance and control unit is tested and installed, the units are fueled, and the ordinance is installed. The missile is then installed in the canister and shipped to the testing range.
1.3	Systems Engineering/Program Management	The system engineering and technical control as well as the business management of the project. System Engineering/Project Management effort that can be associated specifically with the hardware element is excluded, unless this management effort is of special contractual or engineering significance (e.g., associated contractor).
1.4	Systems Test and Evaluation	Four prototypes of the missile will be tested at WWWW testing range over a period of 3 months. The testing facility will evaluate both missile performance and accuracy, along with the launching platform capabilities.

End of DI-MGMT-81334B

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY
0002/0004	B	TDP ____ TM ____ OTHER MGMT

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
HEAVY ENG. REPAIR & CONSTRUCTION	FA8903-05-R-8218	TBD

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B002	PROJECT PLANNING CHART	SEE BLOCK 16

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MGMT-80507A	SOW PARA 4.2.1	AFCEE/*

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	BLK16	BLOCK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A		N/A	BLOCK 16

16. REMARKS

Blocks 3, 4, 5 & 6: "*" will be specified in each task order.

Block 4: DID tailoring: will be specified in each task order.

Blocks 10, 12, & 13: Submissions and dates will be as specified in each task order.

Blocks 14 & 15:

Small documents:

Deliverable copies and all transmittal letters shall be submitted by e-mail unless otherwise specified in the Task Order.

Large documents:

Reproducible copy shall be submitted on CD-ROM, in IBM-compatible format. Government uses Microsoft Office products and .pdf format unless otherwise specified in the Task Order.

Block I: Signature authority is evidenced by Contracting Officer signature on the basic contract award document. Individual task orders shall have signatures.

Block J: On the basic contract, this shall be the award date; however, approval dates shall be inserted for individual task orders.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES		
	Draft	Final	
		Reg	Repro
AFCEE/*			
AFCEE/MSCD			
HSW/PKV*			
SEE BLOCK 16			
15. TOTAL →			

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
MARTY PETERSON	8/19/2005	SEE BLOCK 16	8/19/2005

17. PRICE GROUP	18. ESTIMATED TOTAL PRICE
N/A	NSP

(COMPUTER GENERATED)

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

1. TITLE	2. IDENTIFICATION NUMBER
PROJECT PLANNING CHART	DI-MGMT-80507A

3. DESCRIPTION/PURPOSE

3.1 The Project Planning Chart graphically depicts the schedule and actual progress of work on a contract.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLLICABLE
890530	G/T213		

7. APPLICATION/INTERRELATIONSHIP

7.1 This data item description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This DID is used as an attachment to a status or progress report to illustrate the amount of work accomplished relative to the work schedule.

(Continued on Page 2)

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		G4718

10. PREPARATION INSTRUCTIONS

10.1 Format. The chart shall be in contractor's format.

10.2 General.

10.2.1 Project planning chart. It shall depict actual and scheduled progress for each subdivision using horizontal lines and symbols. Actual progress will be noted by a percentage of the completion figure.

10.2.2 Progress of work. Subsequent additions to the work breakdown shall be made as they occur in contract work performance. Items shall not be deleted even though work may be cancelled or stopped before completion.

10.3 Content requirements.

10.3.1 Description. Description entry on the chart will be by task. Tasks are divided into subdivisions. For computer software task, the subdivisions shall be Design, Coding, Debugging, Acceptance Testing, and Management. Entries shall be complete and reflect all contract effort.

10.3.2 Milestone symbol. The triangle symbol will be white (△) if the task has not been achieved. It shall be shaded (▲) if the task has been achieved.

(Continued on Page 2)

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

BLOCK 7. APPLICATION/INTERRELATIONSHIP (continued)

7.3 For fixed priced contracts, tailor out paragraphs 10.3.15, 10.3.16, and 10.4.

7.4 This DID supersedes DI-A-5010, DI-A-5016 and DI-A-5323.

BLOCK 10, PREPARATION INSTRUCTIONS (continued)

10.3.3 Date released. Last date to which chart was posted.

10.3.4 Date revised. Date of subsequent contract modification.

10.3.5 Contractor name.

10.3.6 Contract title.

10.3.7 Contract number.

10.3.8 Purchase description number.

10.3.9 Security classification.

10.3.10 Delivery dates. Includes dates for all deliverable items.

10.3.11 Scheduled starting date. Date each subdivision of work is scheduled to start.

10.3.12 Actual starting date. Date each subdivision of work actually started.

10.3.13 Scheduled completion date. Date each subdivision of work is scheduled for completion.

10.3.14 Actual completion date. Date each subdivision of work actually was completed.

10.3.15 Manhours expended. Total manhours expended per task for each reporting period. Manhours defined as total number of direct labor hours regardless of type.

10.3.16 Funds expended. Contract funds expended per task for each reporting period. Costs defined as total direct cost plus burden, overhead, general and administrative (G&A), and any other load. Total of all items to equal the total target cost.

10.4 Expenditures. Manhours expended figures and contract funds expended figures used on the chart will be developed on the same basis as the planned figures. Chart depicts these figures for each report period as cumulative totals, accurate to the as-of-date of the report.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY
0002/0004	B	TDP _____ TM ____ OTHER MISC

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
HEAVY ENG. REPAIR & CONSTRUCTION	FA8903-05-R-8218	TBD

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B003	INTEGRATED MASTER SCHEDULE (IMS)	N/A

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MGMT-81650	SOW PARA 4.2.2	AFCEE/*

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	BLK16	BLOCK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A		BLOCK 16	BLOCK 16

16. REMARKS

Block 4: DID tailoring shall be defined at task order level.

Block 6: "*" will be specified in each task order.

Blocks 10, 11, 12, & 13: Submissions and dates will be as specified in each task order.

Blocks 14 & 15:

Small documents:

Deliverable copies and all transmittal letters shall be submitted by e-mail unless otherwise specified in the Task Order.

Large documents:

Reproducible copy shall be submitted on CD-ROM, in IBM-compatible format. Government uses Microsoft Office products and .pdf format unless otherwise specified in the Task Order.

Block I: Signature authority is evidenced by Contracting Officer signature on the basic contract award document. Individual task orders shall have signatures.

Block J: On the basic contract, this shall be the award date; however, approval dates shall be inserted for individual task orders.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES		
	Draft	Final	
		Reg	Repro
AFCEE/*			
AFCEE/MSCD			
HSW/PKV*			
SEE BLOCK 16			
15. TOTAL →			

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
MARTY PETERSON	10/05/2005	SEE BLOCK 16	10/05/2005

17. PRICE GROUP	18. ESTIMATED TOTAL PRICE
N/A	NSP

(COMPUTER GENERATED)

DATA ITEM DESCRIPTION

TITLE: INTEGRATED MASTER SCHEDULE (IMS)
NUMBER: DI-MGMT-81650 **APPROVAL DATE:** 20050330
AMSC NUMBER: D7544 **LIMITATION:**
DTIC APPLICABLE: **GIDEP APPLICABLE:**
PREPARING ACTIVITY: OUSD(AT&L)ARA/AM(SO)

APPLICABLE FORMS: None

USE/RELATIONSHIP: The Integrated Master Schedule (IMS) is an integrated schedule containing the networked, detailed tasks necessary to ensure successful program execution. The IMS is vertically traceable to the Integrated Master Plan (IMP) (if applicable), the Contract Work Breakdown Structure (CWBS), and the Statement of Work (SOW). The IMS shall be used to verify attainability of contract objectives, to evaluate progress toward meeting program objectives, and to integrate the program schedule activities with all related components. This DID is applicable to development, major modification, and low rate initial production efforts; it is not typically applied to full rate production efforts.

a. This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

b. This DID shall be applied to contracts that require Earned Value Management (EVM) and other contracts based on the contract risk assessment. Refer to the Earned Value Management Implementation Guide (EVMIG) for guidance on tailoring reporting.

c. The prime contractor is required to include significant external interfaces and critical items from suppliers, teammates, or other detailed schedules that depict significant and/or critical elements and Government furnished equipment or information dependencies for the entire contractual effort in a single integrated network. The determination of significant and critical shall be agreed to by the Government and the contractor and shall be defined and documented in the Contract Data Requirements List (CDRL).

d. The IMS shall be statused according to the contractor's management control system and shall be submitted no less frequently than monthly. If a Contract Performance Report (CPR) is required, the IMS shall be statused and submitted to the procuring activity prior to or concurrently with CPR Formats 1-5 (as applicable). The IMS may reflect data either as of the end of the calendar month or as of the contractor's accounting period cutoff date, provided it is consistent and traceable to the CPR (if applicable). When subcontractor schedule data reflects a different status date than the prime contractor's schedule status date, these status dates shall be described in the analysis section of the IMS.

e. This DID shall be used in conjunction with the CWBS DID, DI-MGMT-81334A, and the CPR DID, DI-MGMT-81466. (Note: The IMS DID may be required when there is no EVM (CPR) requirement.)

REQUIREMENTS:

1. Format. The IMS shall be created using a network capable Commercially Off the Shelf (COTS) scheduling software application. Unless otherwise provided in the CDRL, the IMS shall be delivered electronically in the native digital format (i.e., an electronic file produced by the contractor's scheduling

tool). (Note: When the technology is available, the CDRL may be tailored, upon agreement between the prime contractor and the Government representative, to allow the American National Standards Institute (ANSI) X12 standard (806 transaction set), the United Nations Electronic Data Interchange for Administration, Commerce and Transport (UN/EDIFACT) standard (PROTAP message), or the XML equivalent to be used to submit data electronically to the procuring activity with on-line access to the data.)

2. Content. The schedule shall contain the contract milestones, accomplishments, and discrete tasks/activities (including planning packages where applicable) from contract award to the completion of the contract. The schedule shall be an integrated, logical network-based schedule that correlates to the CWBS, and is vertically and horizontally traceable to the cost/schedule reporting instrument used to address variances such as the CPR (if applicable). The schedule shall have a numbering system that provides traceability to the IMP (if applicable) and SOW. It shall contain contractual milestones and descriptions and display summary, intermediate, and detailed schedules, and periodic analysis of progress to date. It shall include fields and data that enable the user to access the information by product, process, or organizational lines.

2.1 Contract Milestones and Definitions. Key programmatic events, which define progress and completion for each CWBS element, along with the definition for successful completion of the milestone.

2.2 Summary Master Schedule. A top-level schedule of key tasks/activities and milestones at the summary level of the CWBS and IMP (if applicable). It shall be an integrated roll up of the intermediate and detailed schedules (see 2.3 and 2.4 below) (vertical integration).

2.3 Intermediate Schedules. Mid-level contract schedules that include key tasks/activities and milestones and all associated accomplishments in the summary master schedule, traceable to the CWBS element or IMP event as necessary to display work effort at the intermediate level of summarization. There may be several intermediate schedules that depict varying levels of detail. They shall be integrated roll ups of the detailed schedules (see 2.4 below) (vertical integration).

2.4 Detailed Schedules. The lowest level of contract tasks/activities that form the network. The detailed schedules shall contain horizontal and vertical integration, as a minimum, at the work package and planning package level. The detailed schedules shall include all tasks/activities, work packages, and planning packages identified in the contract Performance Measurement Baseline (PMB). Every discrete task/activity, work package, and planning package shall be clearly identified and directly related to a control account. Work packages and planning packages shall be individually represented and summarize to or reconcile with the total budget for that control account. If Level of Effort (LOE) control accounts, work packages, or planning packages are included as tasks in the IMS, they shall be clearly identified as such. The detailed tasks/activities, work packages, and planning packages shall be traceable to only one CWBS, IMP, and performing organizational element, as applicable. The level of detail in the IMS (including number and duration of tasks/activities) shall follow the contractor's EVM process as documented in the EVMS system description, program directives, etc. Shorter-term work packages (ideally equal in length to the statusing interval) are preferred because they provide more accurate and reliable measures of work accomplished.

2.4.1 Key Elements of Detailed Schedules. The key elements of the detailed schedules include the following:

2.4.1.1 Task/Activity. An element of work with duration.

2.4.1.2 Milestone. A specific definable accomplishment in the contract network, recognizable at a particular point in time. Milestones have zero duration and do not consume resources.

2.4.1.3 Duration. The length of time estimated (or realized) to accomplish a task/activity.

2.4.1.4 Percent Complete (Schedule). The proportion of an activity or task that has been completed to time now. This usually involves updating or statusing the activity or task utilizing one of two methods: (1) update the remaining time to complete (remaining duration) and the scheduling software will then automatically update the schedule percent complete or (2) update the schedule percent complete and allow the scheduling software to calculate the time remaining (remaining duration) to complete. Either method will use the following formula: Percent of Duration Completed = (Actual Duration / Total Duration) X 100.

2.4.1.5 Task/Activity and Milestone Descriptions. These are descriptive titles that are concise, complete, and clearly identify the work effort being accomplished. Abbreviations may be used to shorten the descriptive titles.

2.4.1.6 Task/Activity Codes and Data Dictionary. A list of field definitions and code structures. This list shall be provided to the procuring activity.

2.4.1.7 Relationship/Dependency. These identify how predecessor and successor tasks/activities and milestones are logically linked. Relationships, also called network logic, are modeled in four ways:

2.4.1.7.1 FS (Finish to Start). A predecessor task/activity or milestone that must finish before a succeeding task/activity or milestone can start. FS relationships shall be used whenever possible.

2.4.1.7.2 SS (Start to Start). A predecessor task/activity or milestone that must start before a succeeding task/activity or milestone can start.

2.4.1.7.3 FF (Finish to Finish). A predecessor task/activity or milestone that must finish before a succeeding task/activity or milestone can finish.

2.4.1.7.4 SF (Start to Finish). A predecessor task/activity or milestone that must start before a succeeding task/activity or milestone can finish.

2.4.1.8 Total Float/Slack. The amount of time a task/activity or milestone can slip before it delays the contract or project finish date.

2.4.1.9 Free Float/Slack. The amount of time a task/activity or milestone can slip before it delays any of its successor tasks/activities or milestones.

2.4.1.10 Lag. An interval of time that must occur between a predecessor and successor task/activity or milestone. Since negative time is not demonstrable, negative lag is not encouraged. (Note: Lag should not be used to manipulate float/slack or constrain schedule.)

2.4.1.11 Early Start (ES). The earliest start date a task/activity or milestone can begin the precedence relationships. A computer-calculated date.

2.4.1.12 Early Finish (EF). The earliest finish date a task/activity or milestone can end. A computer-calculated date.

2.4.1.13 Late Start (LS). The latest start date a task/activity or milestone can start without delaying the contract or project target completion date. A computer-calculated date.

2.4.1.14 Late Finish (LF). The latest date a task/activity or milestone can finish without delaying the contract or project target completion date. A computer-calculated date.

2.4.1.15 Critical Path. A sequence of discrete tasks/activities in the network that has the longest total duration through the contract or project. Discrete tasks/activities along the critical path have the least amount of float/slack. The critical path and near-critical paths (reporting requirements for near-critical paths shall be specified in the CDRL) are calculated by the scheduling software application. The guidelines for critical path and near-critical path reporting are as follows:

2.4.1.15.1 Methodology. The IMS software application computes a critical path and near-critical paths based on precedence relationships, lag times, durations, constraints, and status. Artificial constraints and incorrect, incomplete, or overly constrained logic shall be avoided because they can skew the critical path and near-critical paths.

2.4.1.15.2 Identification. The critical path shall be easily identified.

2.4.1.16 Constraints. Limits applied to network start and finish dates (e.g., "finish no later than"). (Note: Certain types of constraints should be used judiciously because they may impact or distort the network critical path.)

2.4.1.17 Current Schedule. The IMS reflects the current status and forecast. It includes forecasted starts and finishes for all remaining tasks/activities and milestones. Significant variances to the baseline schedule shall be explained in the periodic analysis. Thresholds for reporting shall be specified in the CDRL.

2.4.1.18 Baseline Schedule. Baseline dates in the IMS shall be consistent with the baseline dates in the PMB for all work packages, planning packages, and control accounts (if applicable). The guidelines for maintaining the baseline schedule are as follows:

2.4.1.18.1 Schedule Changes. Changes to the schedule shall be baselined when incorporated into the schedule.

2.4.1.18.2 Baseline Schedule Changes. Changes to the baseline schedule shall be made in accordance with the contractor's EVM process. Any movement of contractual milestones in the baseline schedule shall be derived only from either authorized contract changes or an approved over target schedule.

2.4.1.19 Schedule Progress. The IMS shall reflect actual progress and maintain accurate start and finish dates for all tasks/activities and milestones. The guidelines for reflecting schedule progress are as follows:

2.4.1.19.1 Actual Start and Finish Dates. Actual start and actual finish dates shall be recorded in the IMS. Actual start and actual finish dates, as recorded, shall not be later than the status date.

2.4.1.19.2 Progress Line. The progress line depicted in a Gantt chart shall be applied to the current schedule.

2.4.1.20 Retention of Data for Completed Tasks/Activities. Historical performance on completed tasks/activities shall be maintained electronically for analytical use. Historical performance shall be maintained at the time of key program events (Integrated Baseline Review, Critical Design Review, etc.) for all critical tasks/activities. Data to be retained includes logic, actual and baseline durations, actual and baseline start and finish dates, and the three-point estimates that were used before the task/activity started.

2.4.1.21 External Dependencies. The IMS shall identify significant external dependencies that involve a relationship or interface with external organizations, including all Government furnished items (e.g., decisions, facilities, equipment, information, data, etc.). The determination of significant shall be agreed to by the Government and contractor and shall be defined and documented in the CDRL. The required or expected delivery dates shall also be identified in the IMS.

2.4.1.22 Schedule Margin. A management method for accommodating schedule contingencies. It is a designated buffer and shall be identified separately and considered part of the baseline. Schedule margin is the difference between contractual milestone date(s) and the contractor's planned date(s) of accomplishment.

2.4.1.23 Schedule Risk Assessment. A schedule risk assessment predicts the probability of project completion by contractual dates. Three-point estimates shall be developed for remaining durations of remaining tasks/activities that meet any of the following criteria: (1) critical path tasks/activities, (2) near-critical path tasks/activities (as specified in the CDRL), (3) high risk tasks/activities in the program's risk management plan. These estimates include the most likely, best case, and worst case durations. They are used by the contractor to perform a probability analysis of key contract completion dates. The criteria for estimated best and worst case durations shall be applied consistently across the entire schedule and documented in the contractor's schedule notes and management plan. The guidelines for estimates are as follows:

2.4.1.23.1 Most Likely Estimate. Schedule durations based on the most likely estimates.

2.4.1.23.2 Best/Worst Case Estimates. Best and worst case assumptions shall be disclosed.

The contractor schedule risk assessment shall explain changes to the critical path, margin erosion, and mitigation plans. It shall be incorporated into the contractor's program risk management process. The schedule risk assessment shall be submitted as specified in the CDRL and prior to the Integrated Baseline Review. The risk analysis may be performed within the IMS or within a separate risk tool as appropriate based on the capability of the automated scheduling tool.

2.4.1.24 User Defined Fields. All user defined fields in the IMS shall be identified by providing a mapping of all fields used in the scheduling software application.

2.4.1.25 Reserved Fields. The Government may reserve some fields and/or require the contractor to use certain fields for specific information. The requirement for reserved fields shall be specified in the CDRL.

2.4.1.26 Calendar. The arrangement of normal working days, together with non-working days, such as holidays, as well as special work days (i.e., overtime periods) used to determine dates on which project work will be completed.

2.5 Monthly Analysis. Monthly analysis is a monthly assessment of schedule progress to date and includes changes to schedule assumptions, variances to the baseline schedule, causes for the variances, potential impacts, and recommended corrective actions to minimize schedule delays. The analysis shall also identify potential problems and an assessment of the critical path and near-critical paths. Thresholds for reporting significant variances to the baseline schedule and near-critical paths shall be specified in the CDRL. If a CPR Format 5 is required, the monthly analysis shall be submitted to the procuring activity prior to or concurrently with the CPR Format 5.

END OF DI-MGMT-81650

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY
0002/0004	B	TDP ____ TM ____ OTHER MGMT

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
HEAVY ENG. REPAIR & CONSTRUCTION	FA8903-05-R-8218	TBD

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B004	CONTRACTOR'S PROGRESS, STATUS AND MANAGEMENT REPORT	SEE BLOCK 16

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MGMT-80227	SOW PARA 4.3.1.1	AFCEE/*

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	BLK16	BLOCK 16

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
N/A	BLOCK 16	BLOCK 16

16. REMARKS

Blocks 3 and 6 : Shall be defined at task order level.
Blocks 10, 11, 12, & 13: Submissions and dates will be as specified in each task order.
Blocks 14 & 15:

Small documents:

Deliverable copies and all transmittal letters shall be submitted by e-mail unless otherwise specified in the Task Order.

Large documents:

Reproducible copy shall be submitted on CD-ROM, in IBM-compatible format. Government uses Microsoft Office products and .pdf format unless otherwise specified in the Task Order.

Block I: Signature authority is evidenced by Contracting Officer signature on the basic contract award document. Individual task orders shall have signatures.

Block J: On the basic contract, this shall be the award date; however, approval dates shall be inserted for individual task orders.

NOTE: APPLICABLE TO BRAC TASK ORDERS ONLY:

Reporting Requirements for Small Business, Small Disadvantaged Business and Local Business Subcontracting (at the task order level)

--Actual Small Business Awards to date: Cumulative dollars and percentage.
--Actual Small Disadvantaged Business Awards to date: Cumulative dollars and percentage.
--Actual Local Business Awards to date: Cumulative dollars and percentage of Large Business, Small Business and Small Disadvantage Business.
--Actual Number of Subcontracts awarded (cumulative).
List of the types of work subcontracted to date.
--Other actions underway to pursue Small Business/Small Disadvantaged Business (i.e., workshops, small business industry days, etc.).

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	b. COPIES Final Reg	b. COPIES Final Repro
AFCEE/*			
AFCEE/MSCD			
HSW/PKV*			
SEE BLOCK 16			
15. TOTAL →			

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
MARTY PETERSON	8/19/2005	SEE BLOCK 16	8/19/2005

17. PRICE GROUP	18. ESTIMATED TOTAL PRICE
N/A	NSP

(COMPUTER GENERATED)

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188
Exp Date: Jun 30 1986

1. TITLE	2. IDENTIFICATION NUMBER
Contractor's Progress, Status and Management Report	DI-MGMT-80227

3. DESCRIPTION/PURPOSE

3.1 The Contractor's Progress, Status and Management Report indicates the progress of work and the status of the program and of the assigned tasks, reports costs, and informs of existing or potential problem areas.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC REQUIRED	6b. GIDEP REQUIRED
860905	N/SPAWAR		

7. APPLICATION/INTERRELATIONSHIP

7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement for this data included in the contract.

7.2 This DID may be applied in any contract and during any program phase.

7.3 This DID supersedes DI-A-2090A, DI-A-3025A, UDI-A-22050B, UDI-A-22052A, UDI-A-23960, DI-A-30024, and DI-A-30606. (cont. on page 2)

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		N3947

10. PREPARATION INSTRUCTIONS

10.1 Contract - This data item is generated by the contract which contains a specific and discrete work task to develop this data product.

10.2 Format - This report shall be typewritten on standard size (e.g. 8 1/2" by 11") white paper, and securely stapled. Pages shall be sequentially numbered. All attachments shall be identified and referenced in the text of the report. The report shall be prepared in the contractor's format and shall be legible and suitable for reproduction.

10.3 Content - The report shall include:

a. A front cover sheet which includes the contractor's name and address, the contract number, the nomenclature of the system or program, the date of the report, the period covered by the report, the title of the report, either the serial number of the report or the Contract Data Requirements List (CDRL) sequence number, the security classification, and the name of the issuing Government activity;

b. Description of the progress made against milestones during the reporting period;

c. Results, positive or negative, obtained related to previously-identified problem areas, with conclusions and recommendations;

d. Any significant changes to the contractor's organization or method of operation, to the project management network, or to the milestone chart;

e. Problem areas affecting technical or scheduling elements, with background and any recommendations for solutions beyond the scope of the contract;

f. Problem areas affecting cost elements, with background and any recommendations for solutions beyond the scope of the contract;

g. Cost curves showing actual and projected conditions throughout the contract;

h. Any cost incurred for the reporting period and total contractual expenditures as of reporting date;

i. Person-hours expended for the reporting period and cumulatively for the contract;

j. Any trips and significant results; (cont. on page 2)

7. APPLICATION/INTERRELATIONSHIP (Cont'd)

7.4 Paragraphs 10.3.f, 10.3.g, and 10.3.h herein should be tailored on DD Form 1423 when such cost data is already submitted through a sophisticated cost reporting system under the contract.

---

10. PREPARATION INSTRUCTIONS (Cont'd)

k. Record of all significant telephone calls and any commitments made by telephone;
l. Summary of Engineering Change Proposal (ECP) status, including identification of proposed ECPs, approved ECPs, and implemented ECPs;
m. Contract schedule status;
n. Plans for activities during the following reporting period;
o. Name and telephone number of preparer of the report;
p. Appendixes for any necessary tables, references, photographs, illustrations, and charts.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY
0002/0004	B	TDP ____ TM ____ OTHER ADMN

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
HEAVY ENG. REPAIR & CONSTRUCTION	FA8903-05-R-8218	TBD

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B005	PRESENTATION MATERIALS	BLOCK 16

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-ADMN-81373	SOW PARA 4.4	AFCEE/*

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	BLK16	BLOCK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A		N/A	BLOCK 16

16. REMARKS

Blocks 3 and 6: "*" will be specified in each task order.

Blocks 10, 12, & 13: Submissions and dates will be as specified in each task order.

Blocks 14 & 15:

Small documents:

Deliverable copies and all transmittal letters shall be submitted by e-mail unless otherwise specified in the Task Order.

Large documents:

Reproducible copy shall be submitted on CD-ROM, in IBM-compatible format. Government uses Microsoft Office products and .pdf format unless otherwise specified in the Task Order.

Block I: Signature authority is evidenced by Contracting Officer signature on the basic contract award document. Individual task orders shall have signatures.

Block J: On the basic contract, this shall be the award date; however, approval dates shall be inserted for individual task orders.

14. DISTRIBUTION	b. COPIES		
a. ADDRESSEE	Draft	Final	
		Reg	Repro
AFCEE/*			
AFCEE/MSCD			
HSW/PKV*			
SEE BLOCK 16			
15. TOTAL →			

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
MARTY PETERSON	8/19/2005	SEE BLOCK 16	8/19/2005

17. PRICE GROUP	18. ESTIMATED TOTAL PRICE
N/A	NSP

(COMPUTER GENERATED)

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

1. TITLE	2. IDENTIFICATION NUMBER
Presentation Material	DI-ADMN-81373

3. DESCRIPTION / PURPOSE

3.1 Presentation materials are audiovisual aids, such as viewgraphs, photographs, slides or electronic equivalent. They are used to present information during reviews, briefings, and similar activities involving more than one person.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
931001	F/ESC/EN-4		

7. APPLICATION / INTERRELATIONSHIP

7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This DID may be applied on any acquisition.

7.3 This DID supersedes DI-A-3024A.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		F6970

10. PREPARATION INSTRUCTIONS

10.1 Format. Contractor format is acceptable, with the exception that the government must approve the use of any contractor insignia, trade names or symbols. Delivery media format shall be defined on the DD Form 1423, Contract Data Requirements List.

10.2 Content. Presentation material shall include a text of any accompanying verbal material unless the verbal portion is included as part of an electronic presentation. In either case the text or audio shall include the following statement:

> "The publication of this material does not constitute approval by the government of the findings or conclusion herein. Wide distribution or announcement of this material shall not be made without specific approval by the sponsoring government activity."

11. DISTRIBUTION

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY
0002/0004	B	TDP ____ TM ____ OTHER ADMN

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
HEAVY ENG. REPAIR & CONSTRUCTION	FA8903-05-R-8218	TBD

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B006	CONFERENCE AGENDA	N/A

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-ADMN-81249A	SOW PARA 4.4	AFCEE/*

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	BLK16	BLOCK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A		N/A	BLOCK 16

16. REMARKS

Block 6: "*" will be specified in each task order.

Blocks 10, 12, & 13: Submissions and dates will be as specified in each task order.

Blocks 14 & 15:

Small documents:

Deliverable copies and all transmittal letters shall be submitted by e-mail unless otherwise specified in the Task Order.

Large documents:

Reproducible copy shall be submitted on CD-ROM, in IBM-compatible format. Government uses Microsoft Office products and .pdf format unless otherwise specified in the Task Order.

Block I: Signature authority is evidenced by Contracting Officer signature on the basic contract award document. Individual task orders shall have signatures.

Block J: On the basic contract, this shall be the award date; however, approval dates shall be inserted for individual task orders.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
AFCEE/*			
AFCEE/MSCD			
HSW/PKV*			
SEE BLOCK 16			
15. TOTAL →			

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
MARTY PETERSON	8/19/2005	SEE BLOCK 16	8/19/2005

17. PRICE GROUP	18. ESTIMATED TOTAL PRICE
N/A	NSP

(COMPUTER GENERATED)

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

1. TITLE	2. IDENTIFICATION NUMBER
Conference Agenda	DI-ADMN-81249A

3. DESCRIPTION / PURPOSE

3.1 The conference agenda provides information concerning purpose, location, and schedule of conferences required to manage the acquisition of systems equipment, related items, and services.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
931001	F/ESC/EN-4		

7. APPLICATION / INTERRELATIONSHIP

7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This DID supersedes DI-ADMN-81249.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		F6968

10. PREPARATION INSTRUCTIONS

10.1 Format. Contractor format is acceptable.

10.2 Content. The agenda shall include the following, where applicable:

a. The purpose and objective of the conference.

b. The conference location, date, and duration.

c. A daily chronological listing of each major topic or subtopic to be discussed and the time to be devoted to each topic.

d. A list of activities to be represented and identification of their responsibilities.

e. A list of subcommittees to be established during the conference and the proposed activity representation for each subcommittee.

f. Reference to and brief description of the results of previous meetings, when relevant.

(Continued on Page 2)

11. DISTRIBUTION

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Block 10. Preparation Instructions (Continued)

g. Location, schedule, and purpose or subject area to be covered by each subcommittee, when applicable.

h. Names of the conference chairperson, co-chair, and subcommittee chairs, when applicable.

i. Information on billeting, messing, transportation, and administrative services available to conference attendees.

j. Complete list of all documentation to be available for review.

k. Brief description of progress on actions or problems identified at previous meetings, when applicable.

l. Other pertinent information such as forms to be used, identification of any deviations or waivers, security classification, and clearance requirements.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY
0002/0004	B	TDP _____ TM ____ OTHER ____ ADMN

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
HEAVY ENG. REPAIR & CONSTRUCTION	FA8903-05-R-8218	TBD

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B007	CONFERENCE MINUTES	N/A

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-ADMN-81250A	SOW PARA 4.4	AFCEE/*

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	BLK16	BLOCK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A		N/A	BLOCK 16

16. REMARKS

Block 6: "*" will be specified in each task order.

Blocks 10, 12, & 13: Submissions and dates will be as specified in each task order.

Blocks 14 & 15:

Small documents:

Deliverable copies and all transmittal letters shall be submitted by e-mail unless otherwise specified in the Task Order.

Large documents:

Reproducible copy shall be submitted on CD-ROM, in IBM-compatible format. Government uses Microsoft Office products and .pdf format unless otherwise specified in the Task Order.

Block I: Signature authority is evidenced by Contracting Officer signature on the basic contract award document. Individual task orders shall have signatures.

Block J: On the basic contract, this shall be the award date; however, approval dates shall be inserted for individual task orders.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES		
	Draft	Final	
		Reg	Repro
AFCEE/*			
AFCEE/MSCD			
HSW/PKV*			
SEE BLOCK 16			
15. TOTAL →			

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
MARTY PETERSON	8/19/2005	SEE BLOCK 16	8/19/2005

17. PRICE GROUP	18. ESTIMATED TOTAL PRICE
N/A	NSP

(COMPUTER GENERATED)

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

1. TITLE	2. IDENTIFICATION NUMBER
Conference Minutes	DI-ADMN-81250A

3. DESCRIPTION/PURPOSE

3.1 Conference minutes provide documentation of technical information provided, and decisions and agreements reached, at meetings.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
93/10/01	F/ESC/EN-4		

7. APPLICATION/INTERRELATIONSHIP

7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This DID supersedes DI-ADMN-81250.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		F6969

10. PREPARATION INSTRUCTIONS

10.1 Format. Contractor format is acceptable.

10.2 Content: The minutes shall include the foll wing information:

a. A title page containing the following:
   (1) Title - type of meeting and date.
   (2) Identification of the acquisition (system, equipment, contract number) for which the meeting was held.
   (3) Space for signatures of the designated representatives of the contractor and acquisition activity.
   (4) The name of the contractor and address to which the acquisition activity should acknowledge receipt of comments.

b. The purpose and objective of the conference.

c. The conference location.

d. A summary of the discussions, decisions, agreements reached, and directions of the conference or individual subcommittees thereof.

e. A list of attendees by name, rank, rate, grade or position, activity represented, activity code, and phone numbers as appropriate.

f. Action items resulting from the conference.

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY
0002/0004	B	TDP _____ TM ____ OTHER ____MISC

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
HEAVY ENG. REPAIR & CONSTRUCTION	FA8903-05-R-8218	TBD

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B008	MASTER DOCUMENT LIST (MDL)	N/A

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MISC-80393A	SOW PARA 4.5	AFCEE/*

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	BLK16	BLOCK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
N/A		N/A	BLOCK 16

16. REMARKS

Block 6: "*" will be specified in each task order.

Blocks 10, 12, & 13: Submissions and dates will be as specified in each task order.

Blocks 14 & 15:

Small documents:

Deliverable copies and all transmittal letters shall be submitted by e-mail unless otherwise specified in the Task Order.

Large documents:

Reproducible copy shall be submitted on CD-ROM, in IBM-compatible format. Government uses Microsoft Office products and .pdf format unless otherwise specified in the Task Order.

Block I: Signature authority is evidenced by Contracting Officer signature on the basic contract award document. Individual task orders shall have signatures.

Block J: On the basic contract, this shall be the award date; however, approval dates shall be inserted for individual task orders.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES		
	Draft	Final	
		Reg	Repro
AFCEE/*			
AFCEE/MSCD			
HSW/PKV*			
SEE BLOCK 16			
15. TOTAL →			

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
MARTY PETERSON	8/19/2005	SEE BLOCK 16	8/19/2005

17. PRICE GROUP	18. ESTIMATED TOTAL PRICE
N/A	NSP

(COMPUTER GENERATED)

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

1. TITLE	2. IDENTIFICATION NUMBER
Master Document List (MDL)	DI-MISC-80393A

3. DESCRIPTION/PURPOSE

3.1 The MDL provides a master listing of all documents maintained in libraries. The listing includes publications, operating instructions, drawings, and training material. The listing is used to ensure all required documents are being maintained.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
9701-24	50 SPACE WING-LG		

7. APPLICATION/INTERRELATIONSHIP

7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This DID applicable to O&M contracts requiring contractors to maintain contract libraries.

7.3 This DID supersedes DI-MISC-80393.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		F7230

10. PREPARATION INSTRUCTIONS

10.1 Format. Contractor format is acceptable.

10.2 Content. The MDL shall be categorized by type and agency and shall include document number, title, date and specific location of the document. The MDL shall list all revisions, changes, supplements and amendments to all documents. The portion of the MDL containing computer programs and computer program documentation shall include the subject or keyword.

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY
0002/0004	B	TDP ____ TM ____ OTHER MISC

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
HEAVY ENG. REPAIR & CONSTRUCTION	FA8903-05-R-8218	TBD

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B009	DIGITAL IMAGING	N/A

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MISC-81579	SOW PARA 4.8	AFCEE/*

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	BLK16	BLOCK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A		N/A	BLOCK 16

16. REMARKS

Block 6: "*" will be specified in each task order.

Blocks 10, 12, & 13: Submissions and dates will be as specified in each task order.

Blocks 14 & 15:

Small documents:

Deliverable copies and all transmittal letters shall be submitted by e-mail unless otherwise specified in the Task Order.

Large documents:

Reproducible copy shall be submitted on CD-ROM, in IBM-compatible format. Government uses Microsoft Office products and .pdf format unless otherwise specified in the Task Order.

Block I: Signature authority is evidenced by Contracting Officer signature on the basic contract award document. Individual task orders shall have signatures.

Block J: On the basic contract, this shall be the award date; however, approval dates shall be inserted for individual task orders.

14. DISTRIBUTION	b. COPIES		
a. ADDRESSEE	Draft	Final	
		Reg	Repro
AFCEE/*			
AFCEE/MSCD			
HSW/PKV*			
SEE BLOCK 16			
15. TOTAL →			

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
MARTY PETERSON	8/19/2005	SEE BLOCK 16	8/19/2005

17. PRICE GROUP	18. ESTIMATED TOTAL PRICE
N/A	NSP

(COMPUTER GENERATED)

Title: Digital Imaging

Number: DI-MISC-81579
AMSC Number: N7337
DTIC:
Office of Primary Responsibility: SEA00C55
Applicable Forms:

Approval Date: 7 July 1999
Limitation:
GIDEP Applicable:

Use, Relationship: This data item description (DID) contains format and content preparation instructions for digital images and the electronic data compression technology for efficient transmission.

a) Digital imaging provides the Government with visual records of objects and events which are stored in an electronic format that is efficiently transmittable.
b) This data item description is designed for contracts requiring photographic documentation of material conditions and /or events.
c) Images shall be transmitted electronically to Government and commercial activities; as specified on DD Form 1423.

Requirements:

1.1 Format Digital Imaging data shall be in contractor's format
1.1.1 Data compression Technology. Image data files shall utilize a universal data compression format.
1.1.2 Image Quality. The items prepared shall be of high quality resolution equal to Millions (1536 x 1024 or greater of pixels per image 32 bit (or greater) color.
1.2 Content
1.2.1 Image composition. Each image shall adequately depict the subject clearly; without obstruction or cropping.
1.2.2 Data Storage and Identification. Each image shall be stored as an electronic file. The file name shall include the object name and view number. Each file shall be date/time stamped automatically by the acquisition and/or processing software.
1.2.2.1 No lettering shall appear on the subject image area. A text box description shall be added below the image in the bottom margin or prior to the image sequence. This shall include the contractors name, image description, date, security classification, and automatic time-phased downgrading notation.
1.3 Image Transmission Each image or group of images used to depict the subject shall be transmitted electronically as specified on DD Form 1423.
1.4 End of DI-MISC-81579.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY
0002/0004	B	TDP ____ TM ____ OTHER CMAN

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
HEAVY ENG. REPAIR & CONSTRUCTION	FA8903-05-R-8218	TBD

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B010	TECHNICAL DATA PACKAGE	GEOGRAPHICAL INFORMATION SYSTEMS (GIS) UPDATE

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80776	SOW PARA 5.4.2 J	AFCEE/*

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	BLK16	BLOCK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A		N/A	BLOCK 16

16. REMARKS

Block 6: "*" will be specified in each task order.

Blocks 10, 12, & 13: Submissions and dates will be as specified in each task order.

Blocks 14 & 15:

Small documents:

Deliverable copies and all transmittal letters shall be submitted by e-mail unless otherwise specified in the Task Order.

Large documents:

Reproducible copy shall be submitted on CD-ROM, in IBM-compatible format. Government uses Microsoft Office products and .pdf format unless otherwise specified in the Task Order.

Block I: Signature authority is evidenced by Contracting Officer signature on the basic contract award document. Individual task orders shall have signatures.

Block J: On the basic contract, this shall be the award date; however, approval dates shall be inserted for individual task orders.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES		
	Draft	Final	
		Reg	Repro
AFCEE/*			
AFCEE/MSCD			
HSW/PKV*			
SEE BLOCK 16			
15. TOTAL →			

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
MARTY PETERSON	8/19/2005	SEE BLOCK 16	8/19/2005

17. PRICE GROUP	18. ESTIMATED TOTAL PRICE
N/A	NSP

(COMPUTER GENERATED)

DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

1. TITLE	2. IDENTIFICATION NUMBER
Technical Data Package	DI-CMAN-80776

3. DESCRIPTION / PURPOSE

3.1 A Technical Data Package (TDP) contains all the descriptive documentation suitable for use as the basis for competitive acquisition, installation, modification, engineering support, or maintenance of military materiel developed by or for the Department of Defense.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
890308	MI		

7. APPLICATION / INTERRELATIONSHIP

7.1 This Data Item Description (DID) contains the format and content preparation instructions for a TDP resulting from the work task described by 3.3 of MIL-T-47500.
7.2 When this DID, in whole or in part, is incorporated in a contract, DIDs applicable to individual parts of a TDP shall not be incorporated as separate requirements.
7.3 This DID supersedes DI-E-11158.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		A4649

10. PREPARATION INSTRUCTIONS

10.1 Reference documents. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices and revisions, shall be as specified in the contract.

10.2 Content. The TDP shall include the following:

a. Conceptual and Developmental Design drawings in accordance with MIL-T-47500/1.

b. Product drawings in accordance with MIL-T-47500/2.

c. Commercial drawings in accordance with MIL-T-47500/3.

d. Special Test Equipment, Special Inspection Equipment, and Special Tooling drawings in accordance with MIL-T-47500/4.

e. Specifications in accordance with MIL-T-47500/5.

f. Quality Assurance Provisions (QAPs) in accordance with MIL-T-47500/6.

g. Packaging instructions in accordance with MIL-STD-2073-1.

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A:
Approved for public release; distribution is unlimited.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY
0002/0004	B	TDP ____ TM ____ OTHER CMAN

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
HEAVY ENG. REPAIR & CONSTRUCTION	FA8903-05-R-8218	TBD

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B011	TECHNICAL DATA PACKAGE	COMPUTER AIDED DESIGN DRAWINGS

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80776	SOW PARA 5.4.2 K	AFCEE/*

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	BLK16	BLOCK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A		N/A	BLOCK 16

16. REMARKS

Block 6: "*" will be specified in each task order.

Blocks 10, 12, & 13: Submissions and dates will be as specified in each task order.

Blocks 14 & 15:

Small documents:

Deliverable copies and all transmittal letters shall be submitted by e-mail unless otherwise specified in the Task Order.

Large documents:

Reproducible copy shall be submitted on CD-ROM, in IBM-compatible format. Government uses Microsoft Office products and .pdf format unless otherwise specified in the Task Order.

Block I: Signature authority is evidenced by Contracting Officer signature on the basic contract award document. Individual task orders shall have signatures.

Block J: On the basic contract, this shall be the award date; however, approval dates shall be inserted for individual task orders.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES		
	Draft	Final	
		Reg	Repro
AFCEE/*			
AFCEE/MSCD			
HSW/PKV*			
SEE BLOCK 16			
15. TOTAL →			

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
MARTY PETERSON	8/19/2005	SEE BLOCK 16	8/19/2005

17. PRICE GROUP	18. ESTIMATED TOTAL PRICE
N/A	NSP

(COMPUTER GENERATED)